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Maria Nadal  
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**PATENT**

Applicant: Epstein et al.  
Serial No.: 09/408,091  
Filed: 09/29/1999  
Title: Component Mixing Catheter  
Group Art Unit: 3762  
Examiner: Kennedy, Sharon E.  
Docket No.: 14363-0037

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**SUBMISSION OF FORMAL DRAWINGS**

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**TECHNOLOGY CENTER #3709**

Sir:

Enclosed are substitute formal drawings (nine (9) sheets, Figs. 1-17) for filing in the above-identified U.S. patent application.

Respectfully submitted,

Dated: 11-7-03

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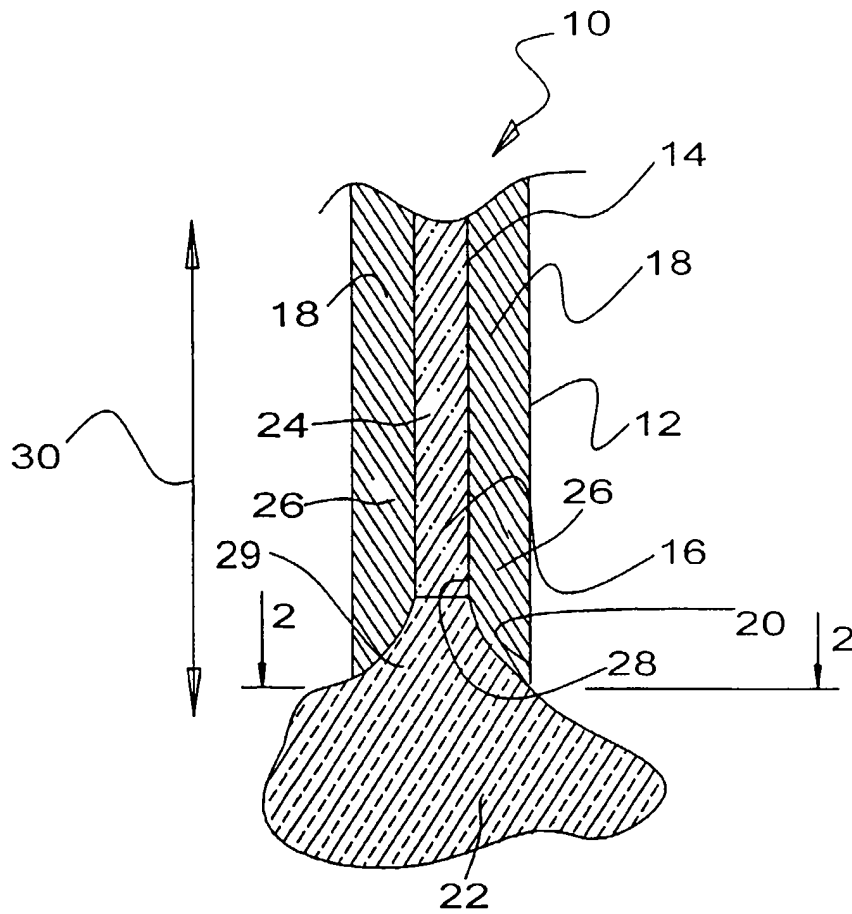


Figure 1

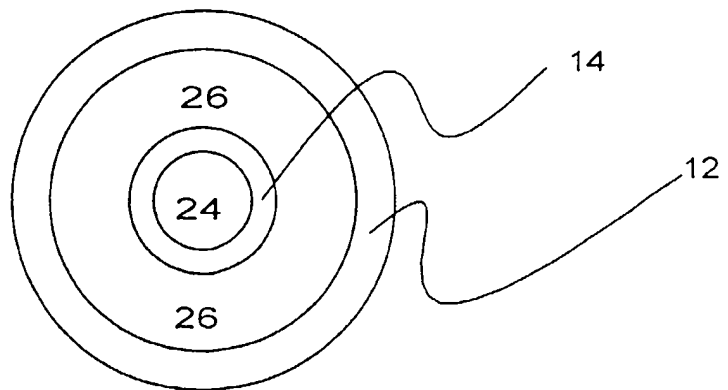


Figure 2

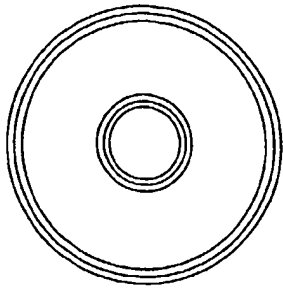


Figure 3c

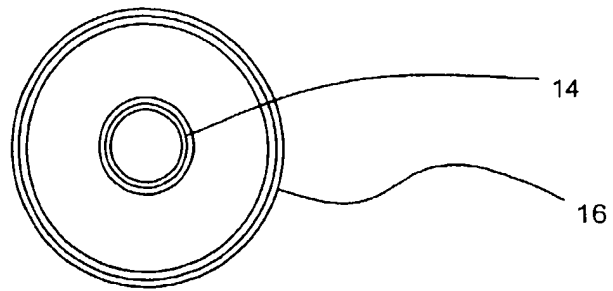


Figure 3b

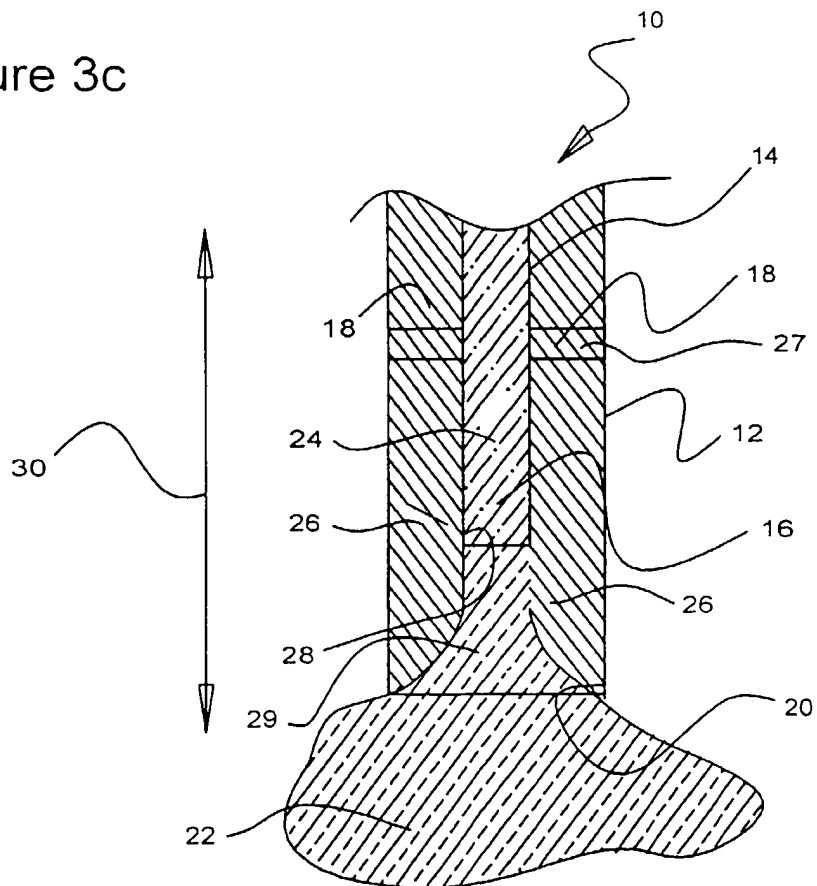


Figure 3a



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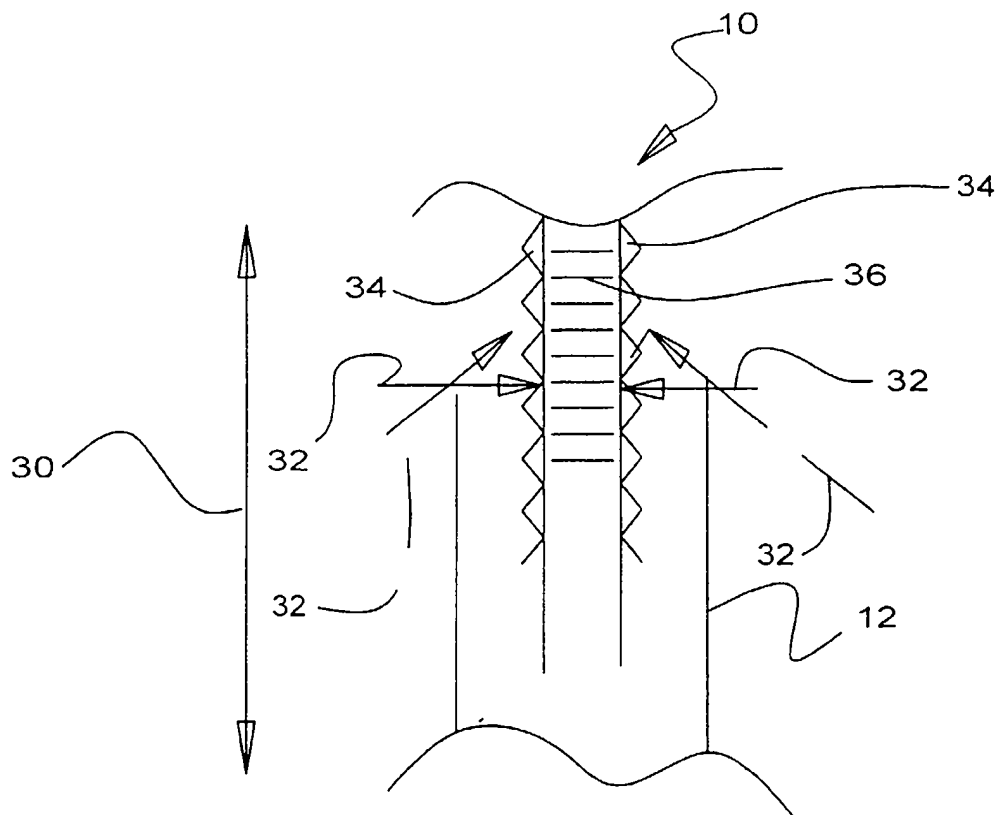


Figure 4

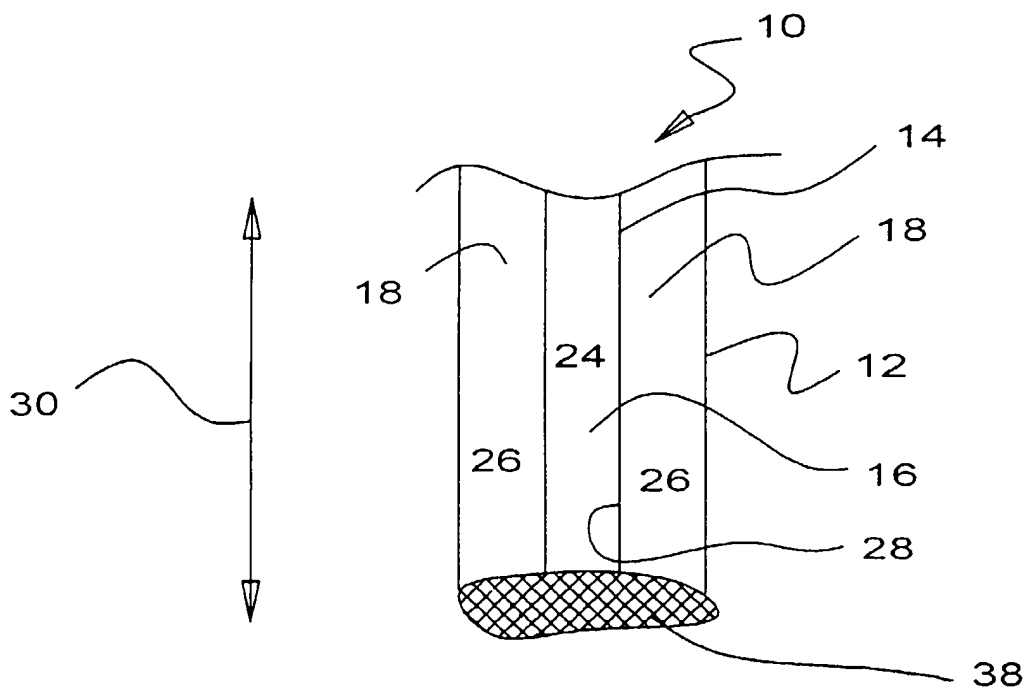


Figure 5



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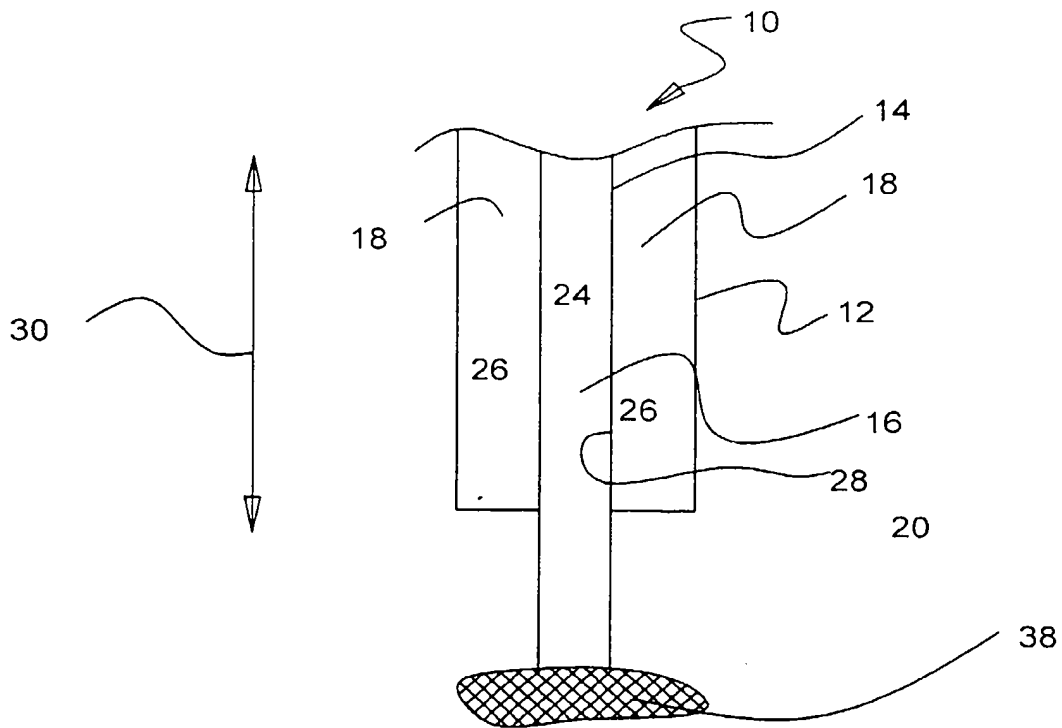


Figure 6

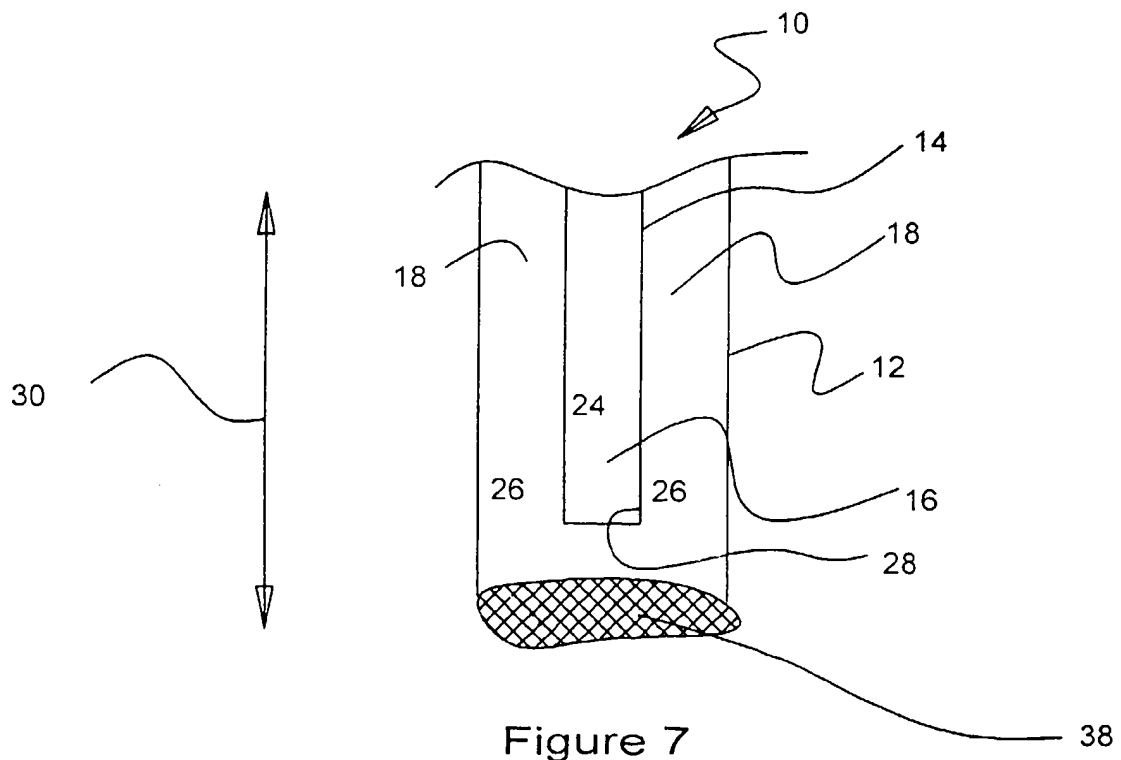
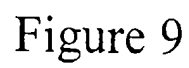
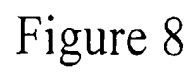


Figure 7





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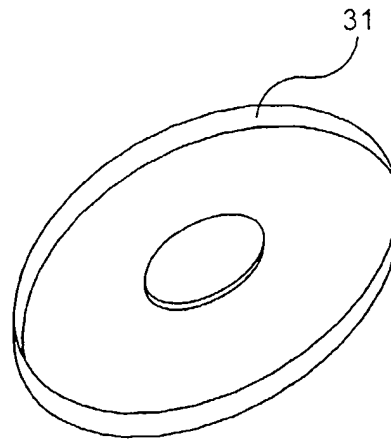


Figure 9

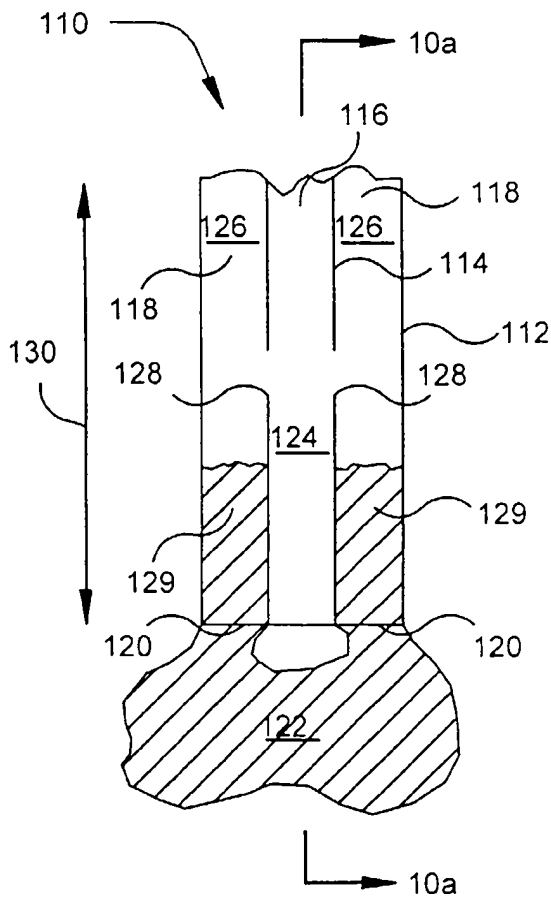


Figure 10

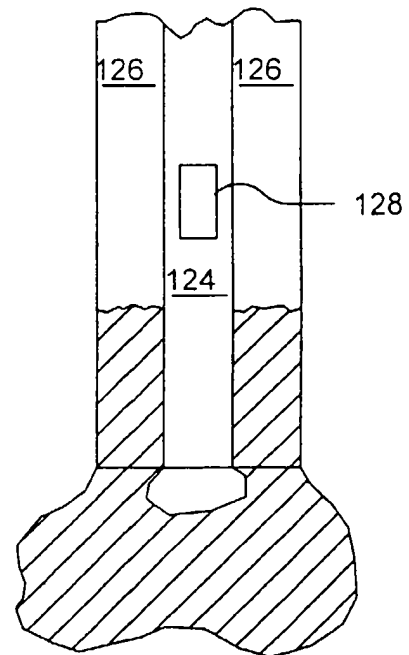


Figure 10a



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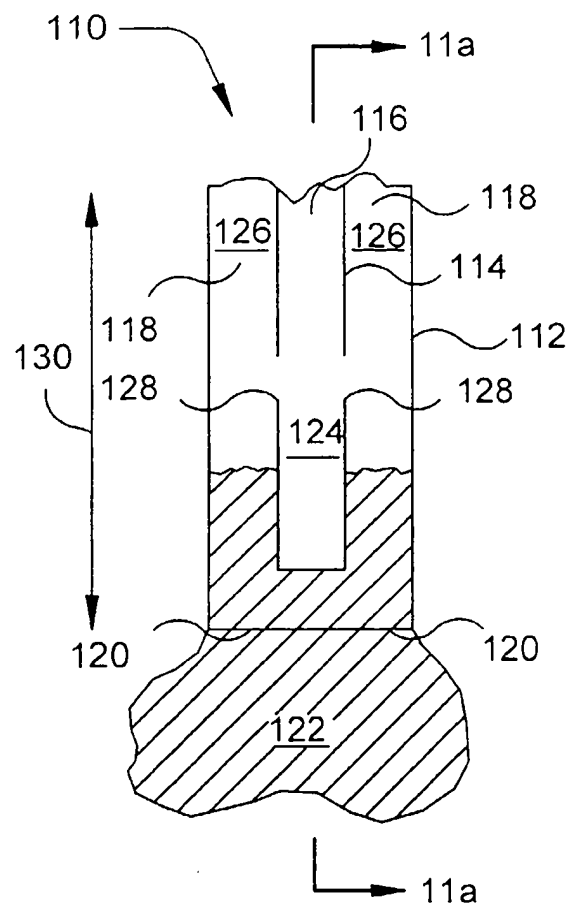


Figure 11

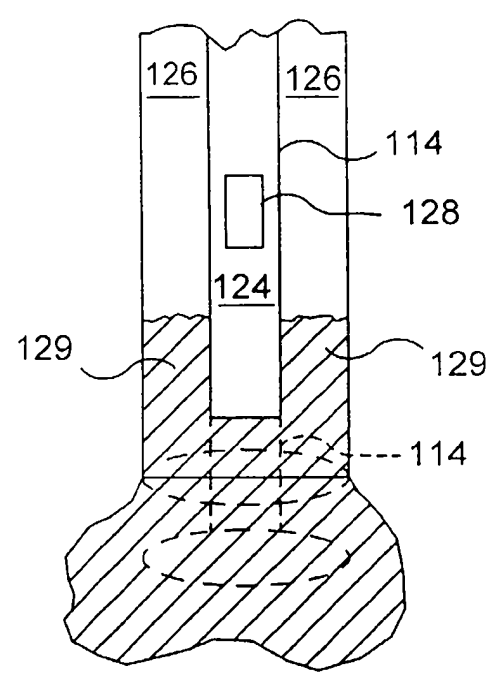


Figure 11a

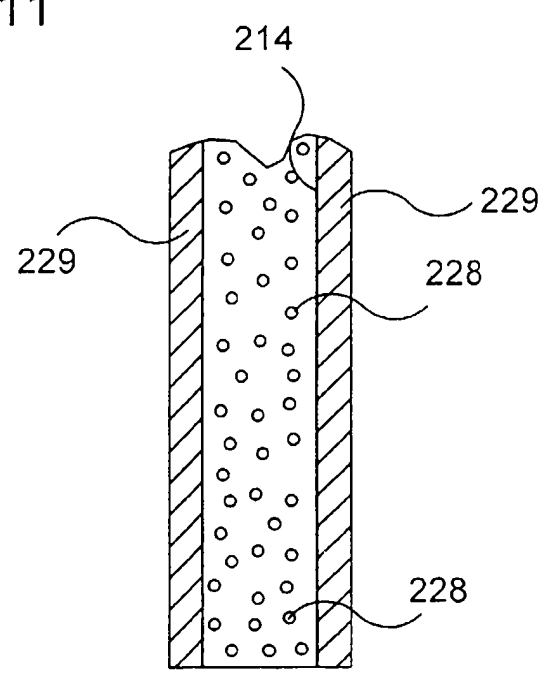


Figure 12



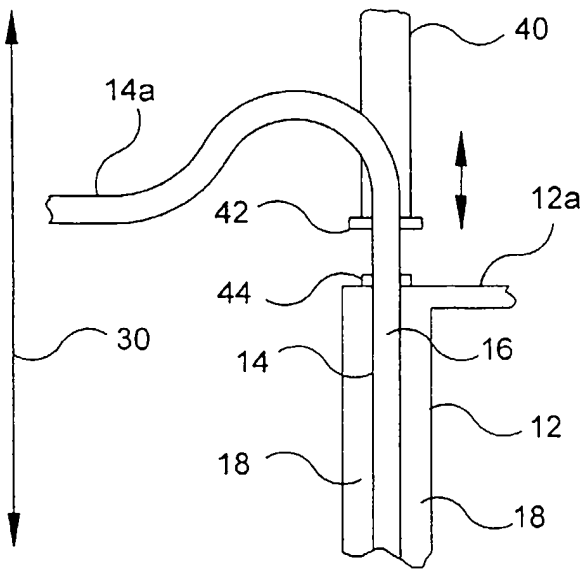


Figure 13

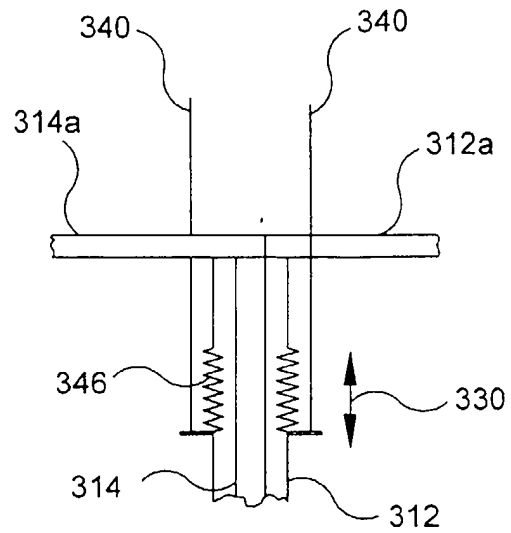


Figure 14

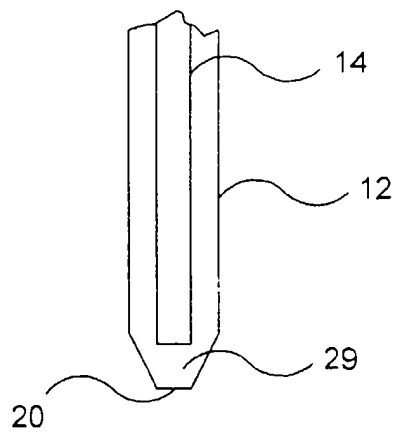


Figure 15



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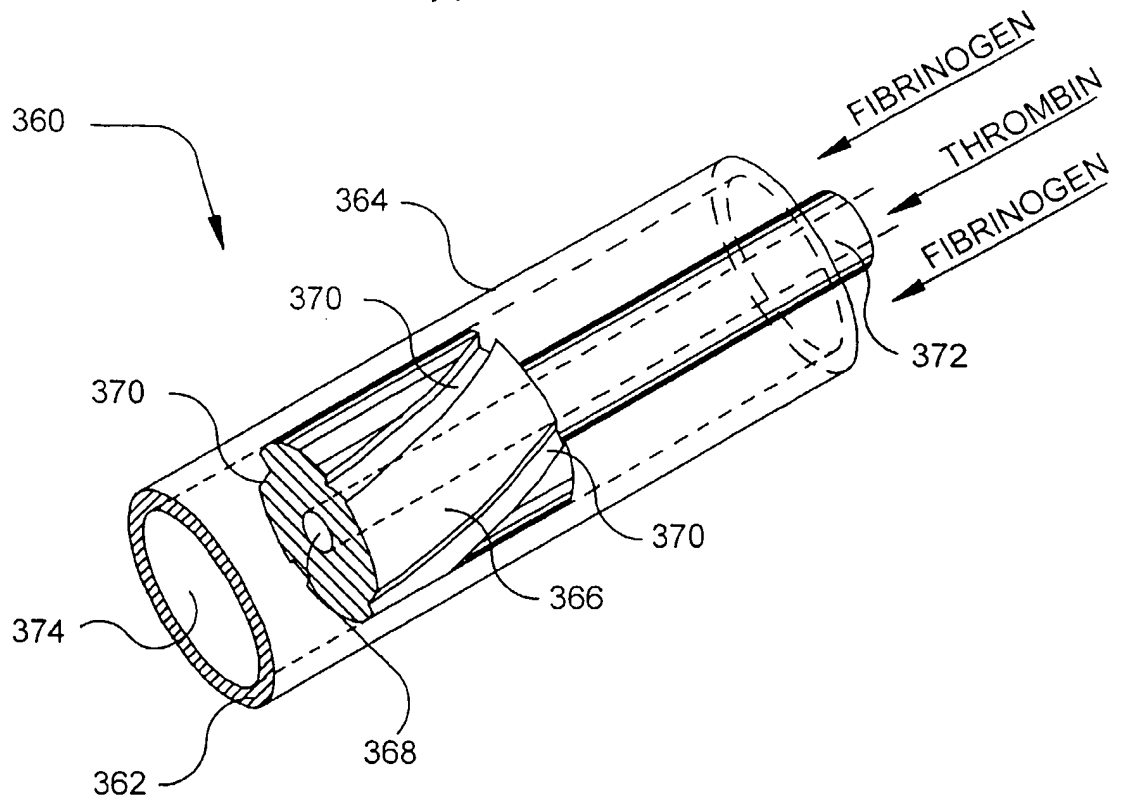


Figure 16

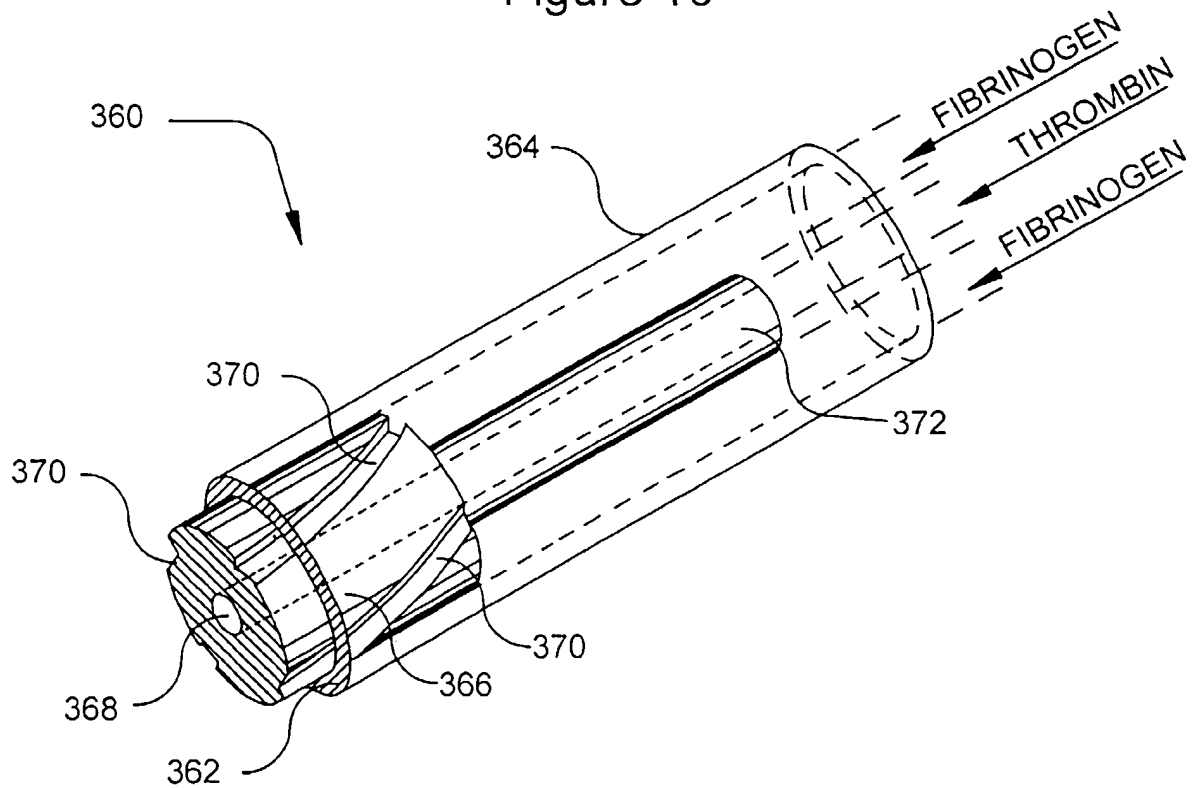


Figure 17